POWER PACK

S E R I E S

Bring Light
Back to Power

Power Pack is Hera Led's special series of power supplies for its fixtures. The Power Pack Series are unified boxes that prevent complex combinations of power and data cables and hence ensure easy assembly.

The Power Pack series sends a DMX signal to the output using its Test mode. This allows the integrator to setup easily without need for auxiliary devices such as a PC, DMX Universes, pixel mapping, etc. All Hera products operating at 48V DC can be supplied from the Power Pack.

Series is available in 4 models according to nominal power; 320, 500, 1000, 2000 W. Device Status, Power Output Status, Fuse Fail Status, Data Output Status, Data Off Status, Device Test Output Status indicators allow you to monitor the device remotely.

Power Pack 320 and Power Pack 500 can be installed as wall mount or via DIN Rail apparatus in panels. Power Pack 1000 and Power Pack 2000 can be installed as rack mount or wall mount with their 19" 2U dimensions.

Power Pack series constitute a seamless power supply for all our fixture models.

Power Pack 320

In the Power Pack 320 Series, you can see which color light is on output through the indicator light on the front panel. Power Pack 320 Series has LEDs that indicate whether the Energy and DMX signals are being received. You can see which port has DMX output and which port has voltage output. When the fuse fails, you can see the LED indicators on which channel is problematic.

Device operates in Test/Data mode when you press and hold the Mode button for 3 seconds. In Test mode, the device provides test data to all ports in RGBW combinations with each push of the button. In Data mode, it transmits the data from inputs to outputs. It does not harm the DMX universe thanks to the relays within. When you press Light off button, it turns off all indicator lights on the device and device continues the output from all ports. This feature is used in applications where lights on the device are not desired to be seen.

Power Pack 320 has 90 ~ 264VAC 50/60 Hz universal input.

In Power Pack 320, AC inputs are provided with 3-Pin VDE connectors.

Power Pack 320 Series provides an output > 160W for each port.

Power Pack 320 provides output > 2 x Mirrored with 2+4 Pin IP67 connectors.

All DMX inputs are provided with Neutrik 5 Pin XLR connectors.

The device has protection against short circuit, overload, over voltage, and over temperature.

Device Status, Power Output Status, Fuse Fail Status, Data Output Status, Data Off Status, Device Test Output Status indicators allow you to monitor the device remotely.

Power Pack 320 can be installed as wall mount or via DIN Rail apparatus in panel applications.

Power Pack 320 Series has Aluminium Sheet Metal body with powder finishing.

The Power Pack 320 Series is produced in RAL9005-black color as standard. Available in different RAL code colors upon request. Device has black iron screws.

Power Pack 500

In the Power Pack 500 Series, you can see which color light is on output through the indicator light on the front panel. Power Pack 500 Series has LEDs that indicate whether the Energy and DMX signals are being received. You can see which port has DMX output and which port has voltage output. When the fuse fails, you can see the LED indicators on which channel is problematic.

Device operates in Test/Data mode when you press and hold the Mode button for 3 seconds. In Test mode, the device provides test data to all ports in RGBW combinations with each push of the button. In Data mode, it transmits the data from inputs to outputs. It does not harm the DMX universe thanks to the relays within. When you press Light off button, it turns off all indicator lights on the device and device continues the output from all ports. This feature is used in applications where lights on the device are not desired to be seen.

Power Pack 500 has 90 ~ 264VAC 50/60 Hz universal input.

In Power Pack 500, AC inputs are provided with 3-Pin VDE connectors.

Power Pack 500 Series provides an output > 250W for each port.

Power Pack 500 provides output > 2 x Mirrored with 2+4 Pin IP67 connectors.

All DMX inputs are provided with Neutrik 5 Pin XLR connectors.

The device has protection against short circuit, overload, over voltage, and over temperature.

Device Status, Power Output Status, Fuse Fail Status, Data Output Status, Data Off Status, Device Test Output Status indicators allow you to monitor the device remotely.

Power Pack 500 can be installed as wall mount or via DIN Rail apparatus in panel applications.

Power Pack 500 Series has Aluminium Sheet Metal body with powder finishing.

The Power Pack 500 Series is produced in RAL9005-black color as standard. Available in different RAL code colors upon request. Device has black iron screws.

Power Pack 1000

In the Power Pack 1000 Series, you can see which color light is on output through the indicator light on the front panel. Power Pack 1000 Series has LEDs that indicate whether the Energy and DMX signals are being received. You can see which port has DMX output and which port has voltage output. When the fuse fails, you can see the LED indicators on which channel is problematic.

Device operates in Test/Data mode when you press and hold the Mode button for 3 seconds. In Test mode, the device provides test data to all ports in RGBW combinations with each push of the button. In Data mode, it transmits the data from inputs to outputs. It does not harm the DMX universe thanks to the relays within. When you press Light off button, it turns off all indicator lights on the device and device continues the output from all ports. This feature is used in applications where lights on the device are not desired to be seen.

Power Pack 1000 has 90 ~ 264VAC 50/60 Hz universal input.

In Power Pack 1000, AC inputs are provided with PowerCON connectors.

Power Pack 1000 Series provides an output > 125W for each port.

Power Pack 1000 provides output > 8 x Mirrored with 2+4 Pin IP67 connectors.

All DMX inputs are provided with Neutrik 5 Pin XLR connectors.

The device has protection against short circuit, overload, over voltage, and over temperature.

Device Status, Power Output Status, Fuse Fail Status, Data Output Status, Data Off Status, Device Test Output Status indicators allow you to monitor the device remotely.

Power Pack 1000 can be installed as wall mount or via DIN Rail apparatus in panel applications.

Power Pack 1000 Series has Aluminium Sheet Metal body with powder finishing.

The Power Pack 1000 Series is produced in RAL9005-black color as standard. Available in different RAL code colors upon request. Device has black iron screws.

Power Pack 1000 is high-powered model that provide safe operation thanks to SCHURTE Rresettable thermal-magnetic circuit breaker on them

Power Pack 2000

In the Power Pack 2000 Series, you can see which color light is on output through the indicator light on the front panel. Power Pack 2000 Series has LEDs that indicate whether the Energy and DMX signals are being received. You can see which port has DMX output and which port has voltage output. When the fuse fails, you can see the LED indicators on which channel is problematic.

wDevice operates in Test/Data mode when you press and hold the Mode button for 3 seconds. In Test mode, the device provides test data to all ports in RGBW combinations with each push of the button. In Data mode, it transmits the data from inputs to outputs. It does not harm the DMX universe thanks to the relays within. When you press Light off button, it turns off all indicator lights on the device and device continues the output from all ports. This feature is used in applications where lights on the device are not desired to be seen.

Power Pack 2000 has 90 ~ 264VAC 50/60 Hz universal input.

In Power Pack 2000, AC inputs are provided with PowerCON connectors.

Power Pack 2000 Series provides an output > 250W for each port.

Power Pack 2000 provides output > 8 x Mirrored with 2+4 Pin IP67 connectors.

All DMX inputs are provided with Neutrik 5 Pin XLR connectors.

The device has protection against short circuit, overload, over voltage, and over temperature.

Device Status, Power Output Status, Fuse Fail Status, Data Output Status, Data Off Status, Device Test Output Status indicators allow you to monitor the device remotely.

Power Pack 2000 can be installed as wall mount or via DIN Rail apparatus in panel applications.

Power Pack 2000 Series has Aluminium Sheet Metal body with powder finishing.

The Power Pack 2000 Series is produced in RAL9005-black color as standard. Available in different RAL code colors upon request. Device has black iron screws.

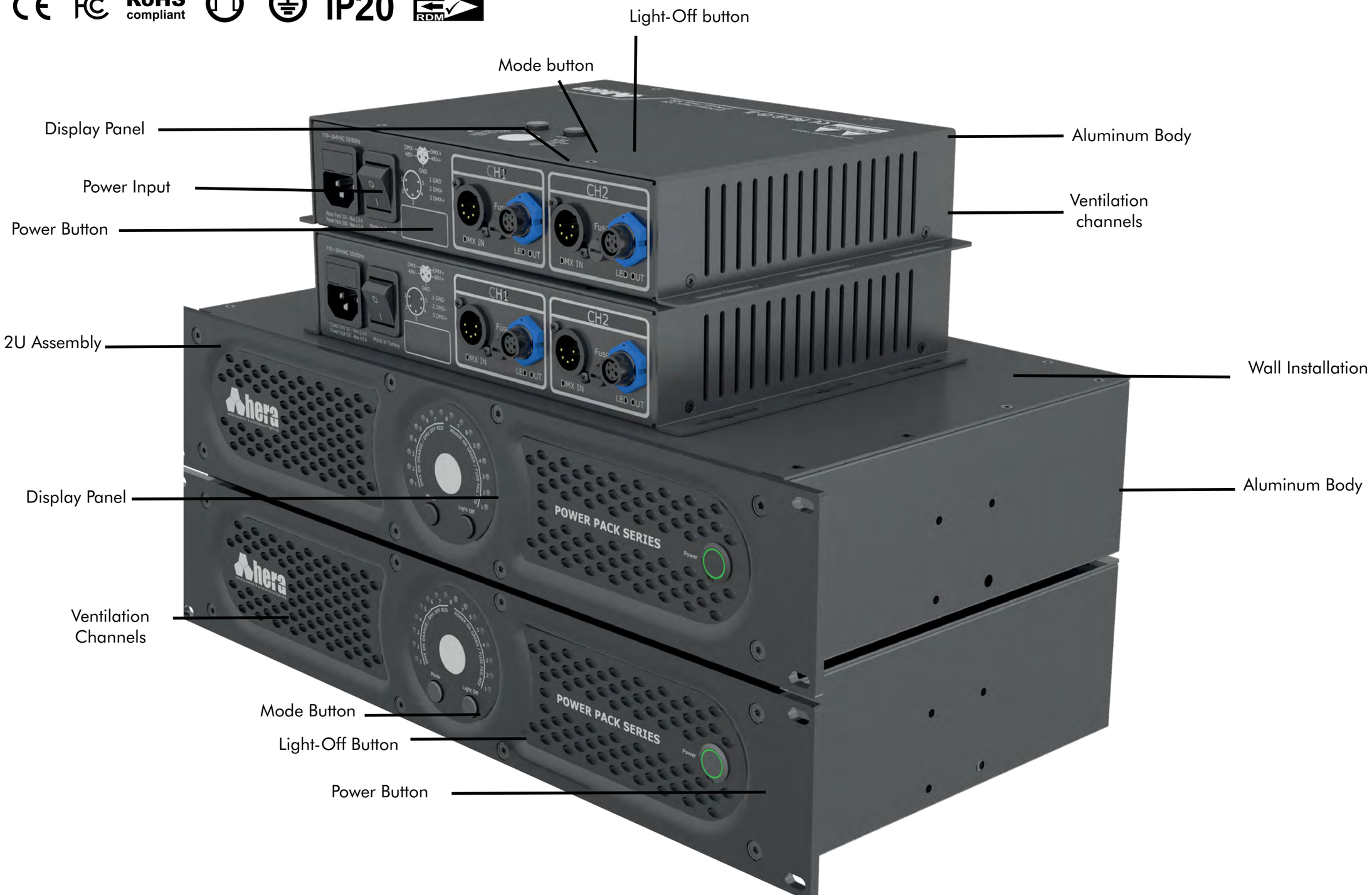
Power Pack 2000 is high-powered model that provide safe operation thanks to SCHURTE Rresettable thermal-magnetic circuit breaker on them

Energise Your
Light With Our Power

Power Pack series form a single source to power multiple light fixtures. They provide a remote 48VDC power distribution system for LED luminaires. All models are fit for standard and custom-made applications allowing lighting designers to return their focus to lighting and light control.

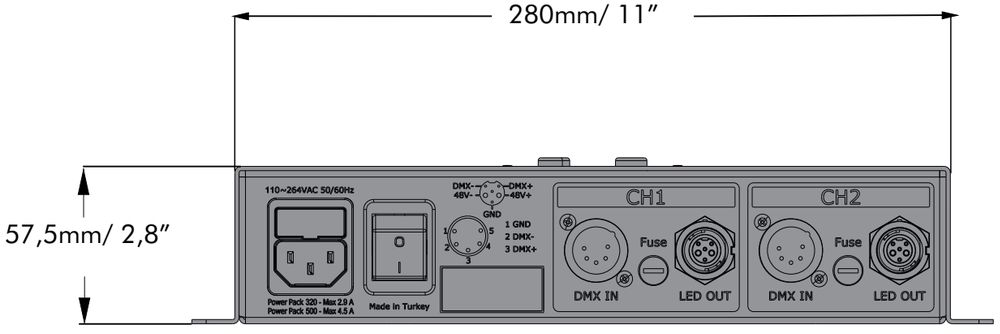
Power Packs have dedicated, contractor-friendly wiring compartments for line voltage input and low-voltage output. They have integral output connections that allow parallel/bus wiring or home-run wiring of powered luminaires. We can drive all your exterior LED lighting projects through our Power Packs.

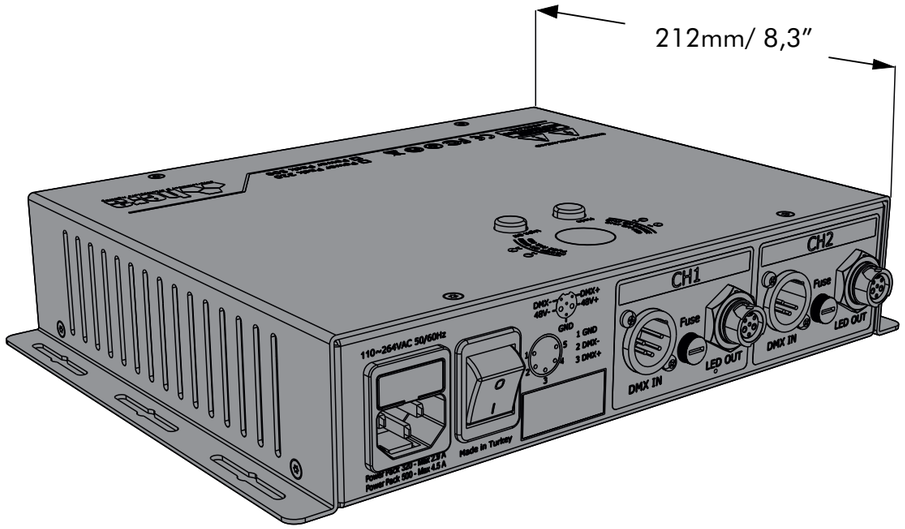
RoHS compliant IP20



Power Pack 320&500

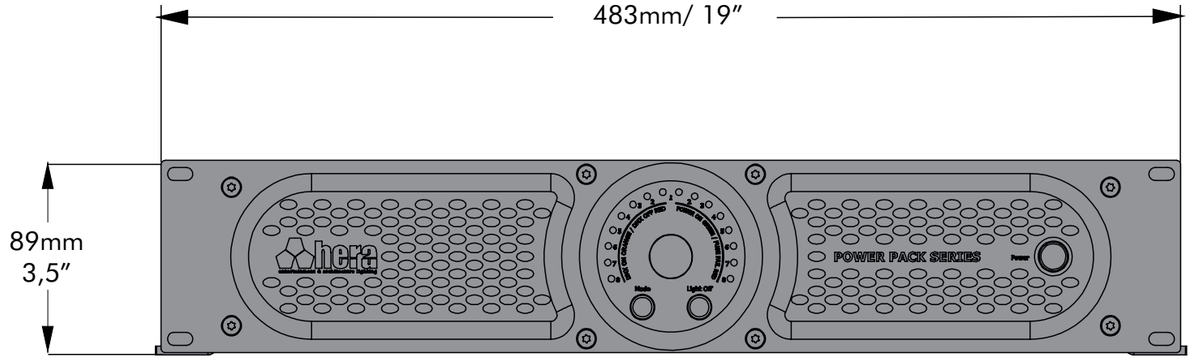
Dimensions

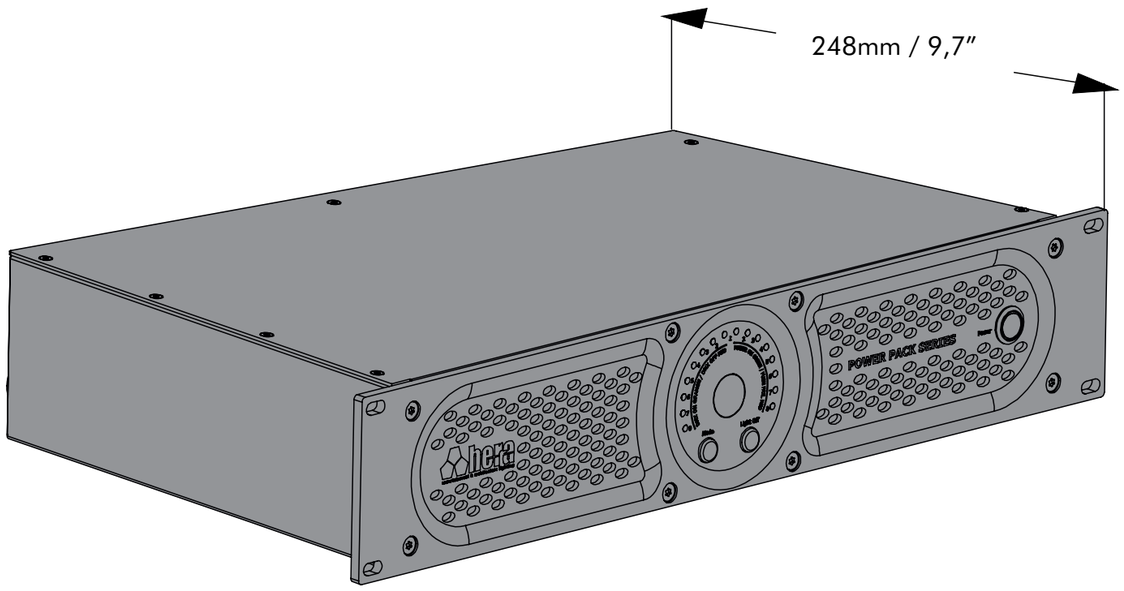




Power Pack 1000&2000

Dimensions





Power Pack Series
Specification

	Power Pack 320	Power Pack 500	Power Pack 1000	Power Pack 2000
Output				
Output Voltage:	48VDC			
Output Current:	6,7A	10,5A	21A	42A
	*Maximum 10.5 A output can be obtained from each port.			
Output Port:	2Ch.	2Ch.	8Ch.	8Ch.
Output Power:	2x160	2x250	8x125	8x250
	*Maximum 500W output can be obtained from each port.			
	*Power Pack 320: 1x320W / Power Pack 500:1x500W / Power Pack 1000:2x500W / Power Pack 2000: 4x500W			
Connections				
Power&Data Output:	2+4 Pin Push-Lock Female Connector			
Power Input:	3-PinVDE	3-PinVDE	Neutrik® powerCon 20A	Neutrik® powerCon 20A
Data Input:	Neutrik® 5 Pin XLR			
Control/User Interface				
Device Status:	Status LED			
Power Output Status:	Green LEDs			
Fuse Fail Status:	Red LEDs			
Data Output Status:	Orange LEDs			
Data Off Status:	Red LEDs			
Device Test Output Status:	RGBW LEDs			
Light Off:	The device turns off all indicator lights. (It will continue to output from all ports)			
Mode:	The device runs in Test/Data mode when you press and hold the button 3 seconds. In the test mode, each press of the button gives test data to all ports in RGBW combinations. In Data mode, it forwards the data from inputs to outputs.			
Control and Programming				
DMX Cmpliance:	USITT DMX512-1990			
RDM Compliance:	ANSI/ESTA E1.20-2010			
Electrical				
Operating Voltage:	90 ~ 264VAC 50/60Hz Universal AC input			
Power Consumption:	320W	500W	1000W	2000W
Power Factor:	PF>0.95/230VAC PF>0.98/110VAC at full load			
Power Supply Units:	Auto-ranging electronic switch-mode			
Output Fuses:	20 AT (slow blow) x 2	20 AT (slow blow) x 2	20 AT (slow blow) x 8	20 AT (slow blow) x 8
Input Fuses:	10 AT (slow blow)	10 AT (slow blow)	Schurter® Resettable Fuse	Schurter® Resettable Fuse
Protections:	Short circuit, Overload, Over voltage, Over temperature			
Physical				
Housing:	Aluminium Sheet Metal			
Installation Brackets:	Wall Mount / DIN Rail	Wall Mount / DIN Rail	Wall Mount / 19" 2U Rack Mount	Wall Mount / 19" 2U Rack Mount
Surface Finish:	RAL 9005 Electrostatically polyester powder coat (standard) or Custom Any RAL (optional))			
Hardware :	Black Iron			
Measurements:				
Dimensions:	55x280x212,5mm	55x280x212,5mm	89x483x248mm	89x483x248mm
(H x W x D)	2,2x11x8,3"	2,2x11x8,3"	3,5x19x9,7"	3,5x19x9,7"
Weight:	1,70Kg (3,74lb)	1,80Kg (3,94lb)	5,00Kg (11lb)	5,10Kg (11,2lb)
Environmental				
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)			
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)			
Operating Temperature:	-25°C - 50°C - (-13°F - 122°F)			
Thermal Protection:	Automatic overtemperature protection			
Cooling:	Filtered forced air (temperature-regulated, low noise)			
Corrosion Resistance:	Complies with ASTM B117 standard			
Ingress Protection Rating:	IP20			
Impact Resistance Rating:	IK10			
Humidity (max.):	0 to 98%, non-condensing			
Certification				
EU Safety:	EN 61347-1, EN 61347-2-13, EN 60950-1, EN 62262			
EU EMC:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11			
US Safety:	UL 60950-1			
US EMC:	FCC Part 15 Class B			
Warranty:	5-year Limited Warranty			

Power Pack Series

Fixtures

P08002 Power Pack 320 320W 2 Outputs Power Supply
P08003 Power Pack 500 500W 2 Outputs Power Supply

P08004 Power Pack 1000 1000W 8 Outputs Power Supply
P08013 Power Pack 2000 2000W 8 Outputs Power Supply

Accessories

P20055 Power Pack 320 & Power Pack 500 for DIN Rails

HERA EĞLENCE VE MİMARİ AYDINLATMA SİSTEMLERİ A.Ş
Gullubaglar Mah. Kahramanlar Cad. No:3-1
34906 Pendik / Istanbul / Turkey
+90 216 307 79 00
+90 216 307 79 02

www.heraled.com
info@heraled.com